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WO 00/46383 PCT/NL00/00075

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     ttctgtgaaa tgagagatta ttacgtggtt tttgttaagc ccgataatcc ctcattgtaa 720
     aattattaac ttcatcgatg ttctttttta aatctttgga atgtacaaaa ttttatatcc 780
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     Phe Thr Arg Lys Arg Lys Ser Arg Arg Arg Asp Gly Thr Lys Asn Val
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                                                           30
     Ala Glu Thr Leu Ala Lys Trp Lys Glu Tyr Asn Glu Lys Leu Asp Ala
55
     Leu Asp Gly Gly Lys Pro Ala Arg Lys Val Pro Ala Lys Gly Ser Lys
     Lys Gly Cys Met Lys Gly Lys Gly Gly Pro Glu Asn Ser His Cys Lys
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65 70 75 Tyr Arg Gly Val Arg Gln Arg Thr Trp Gly Lys Trp Val Ala Glu Ile Arg Glu Pro Asn Arg Gly Ser Arg Leu Trp Leu Gly Thr Phe Arg Asn Ala Ile Glu Ala Ala Leu Ala Tyr Asp Glu Ala Ala Arg Ala Met Tyr 10 Gly Pro Cys Ala Arg Leu Asn Leu Pro Asn Tyr Arg Ala Ser Glu Glu 135 Ser Ser Ser Leu Pro Thr Thr Ser Gly Ser Asp Thr Thr Thr Ala Ser 150 155 Gly Ile Ser Glu Val Ser Val Tyr Glu Asp Lys Lys Phe Thr Pro Val 20 Val Ser Gly Leu Lys Gln Asp Asp Lys Gly Glu Ser Leu Glu Ser Ala 185 Asp Ser Lys Pro Gln Leu Leu Val Asp Ala Gly Thr Pro Met Ser Ala 25 Val Lys Glu Glu Pro Lys Glu Tyr Gln Val Met Asp Ser Gln Ser Glu 215 30 Gly Gln Phe Gly Asp Glu Glu Pro Pro Ser Lys Leu Val Cys Lys Glu 225 230 Val Asp Phe Gly Gln Asp Gln Ala Val Val Pro Ala Val Lys Asn Ala 250 35 Glu Glu Met Gly Glu Met Gly Gly Asp Ile Leu Lys Gly Cys Ser Leu Ser Glu Met Phe Asp Val Asp Glu Leu Leu Ser Val Leu Asp Ser 40 280 Thr Pro Leu His Ala Ser Asp Phe Gln His Gly Met Gly Asn Gly Asn 45 Val Lys Ala Glu Ala Ala Tyr Asn Tyr Ala Pro Ser Trp Asp Ser Ala Phe Gln Leu Gln Asn Gln Asp Pro Lys Leu Gly Ser Gln Gln His Met 325 50 Ala Gln Thr Pro Pro Glu Ile Asn Ser Gly Leu Asp Phe Leu Gln Pro Gly Arg Gln Glu Asp Ser Tyr Phe Thr Leu Gly Asp Leu Asp Phe Leu 55 Asp Leu Gly Ala Glu Leu Gly Leu

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    Ile Phe Thr Asp Phe Asn Tyr Ala Asn Tyr Asn Tyr Asn Thr Ser Thr
    Ser Asp Asn Phe Ser Gly Phe Gln Phe Asn Glu Asn Cys Glu Glu Ile
20
    Ile Ser Pro Asn Tyr Ala Ser Glu Asp Leu Ser Asp Ile Ile Leu Thr
    Asp Ile Phe Lys Asp Gln Asp Asn Tyr Glu Asp Glu Val Val Ala Gly
25
                      85
    Glu Glu Glu Glu Leu Ile Thr Thr Pro Thr Ser Arg Gly Gly Gly
                                     105
30
    Gly Gly Cys Glu Gln Arg Ser Asn Glu Glu Trp Ile Arg Tyr Arg
             115
    Gly Val Arg Arg Pro Trp Gly Lys Phe Ala Ala Glu Ile Arg Asp
35
    Pro Lys Arg Lys Gly Ser Arg Ile Trp Leu Gly Thr Tyr Glu Thr Ala
    145
                         150
    Glu Asp Ala Ala Leu Ala Phe Asp Gln Ala Ala Phe Gln Leu Arg Gly
40
                     165
                                         170
    Ser Arg Ala Arg Leu Asn Phe Pro Asn Leu Ile Gly Ser Ala Asn Ala
                 180
                                     185
45
    Pro Val Arg Val Ser Pro Arg Arg Ser Ser Ser Cys His Leu Arg
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                                 200
    Pro Gln
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50
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| | 1 | 5 | | | | | | | | 10 | | | 15 | | | | |
|-----------|--------------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----|
| 5 | Ile | Glu | Glu | His 20 | Leu | Leu | Ser | Asp | Asn 25 | Ser | Asp | Asp | Ser | Ser 30 | Ser | Glu | |
| 3 | Leu | Thr | Ser 35 | Thr | Glu | Glu | Asn | Trp 40 | Glu | Glu | Ile | Phe | Ala 45 | Asp | Phe | Leu | |
| 10 | Asn | Trp 50 | Ser | Gly | Ser | Glu | Ile 55 | Gln | Lys | Arg | Gly | Ser 60 | Pro | Ser | Ser | Glu | |
| | Ser 65 | Cys | Gln | Ser | Asn | Ser 70 | Met | Ala | Glu | Ser | Cys 75 | Gln | Glu | Asp | Ser | Val 80 | |
| 15 | Val | Gly | Thr | Pro | Pro 85 | Glu | Ala | Ala | Ala | Gly 90 | Gly | Gly | Cys | Ser | Lys 95 | Asp | |
| 20 | Trp | Asn | Arg | Tyr 100 | Lys | Gly | Val | Arg | Arg 105 | Arg | Pro | Trp | Gly | Lys 110 | Phe | Ala | |
| 20 | Ala | Glu | I1e 115 | Arg | Asp | Pro | Lys | Lys 120 | Lys | Gly | Ser | Arg | Ile 125 | Trp | Leu | Gly | |
| 25 | Thr | Tyr 130 | Glu | Thr | Pro | Glu | Asp 135 | Ala | Ala | Leu | Ala | Tyr 140 | Asp | Ala | Ala | Ala | |
| | Phe 145 | Asn | Met | Arg | Gly | Ala 150 | Lys | Ala | Arg | Leu | Asn 155 | Phe | Pro | His | Leu | Ile 160 | |
| 30 | Gly | Ser | Asn | Ile | Ser 165 | Gly | Pro | Val | Arg | Val 170 | Asn | Pro | Arg | Lys | Arg 175 | Phe | |
| 35 | Pro | Ala | Glu | Pro 180 | Ser | Thr | Thr | Ser | Ser 185 | Ser | Ser | Ser | Ser | Ser 190 | Ser | Ser | |
| <i>33</i> | Glu | Asn | Ser 195 | Gly | Gly | Arg | Lys | Lys 200 | Arg | Arg | Tyr | | | | | | |
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